Abstract

A method is _described_ ~~specified~~ for operating an automation system, the
automation system having at least one input unit for receiving
5 process signals and at least one output unit for driving
external peripherals, which are communicatively interconnected
via a bus. **In the method,** ~~the method being characterized in that~~ at least one
of the input units and at least one of the output units are
constructed as failsafe input unit ~~(EE)~~ and failsafe output
10 unit ~~(AE)~~, respectively. **It** ~~and that~~ the failsafe input unit ~~(EE)~~
transmits a telegram ~~(T)~~ to the failsafe output unit ~~(AE)~~ at
predetermined times. **The** ~~and that the~~ telegram ~~(T)~~ includes at
least one useful information item ~~(TN)~~, one destination point
code ~~(TT)~~ designating the addressed output unit ~~(AE)~~ and one
15 origin code ~~(TS)~~ designating the transmitting input unit ~~(EE)~~,
and that the output unit ~~(AE)~~ interprets the continuous
reception of the telegram ~~(T)~~ as an indication of an intact
communication relationship, and otherwise shifts the connected
peripherals into a safe state.
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~~Figure 1~~

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